

Product datasheet

Recombinant E. coli Hsp40 protein ab91598

[2 Images](#)

Description

Product name	Recombinant E. coli Hsp40 protein
Biological activity	Protein Refolding Assay: Positive Tested positive for its ability to stimulate DnaK's protein-refolding activity in the presence of GrpE.
Purity	> 90 % SDS-PAGE. > 90% pure as determined by SDS-PAGE and Western Blot analysis
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Description	Recombinant <i>E. coli</i> Hsp40 protein

Specifications

Our **Abpromise guarantee** covers the use of **ab91598** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot Functional Studies SDS-PAGE
Form	Liquid
Additional notes	DnaJ has a tendency to aggregate in solution with ionic strength lower than 0.1 M KCl. Where lower salt conditions are required, addition of 0.05% Triton-X100 or Brij 58 is recommended.

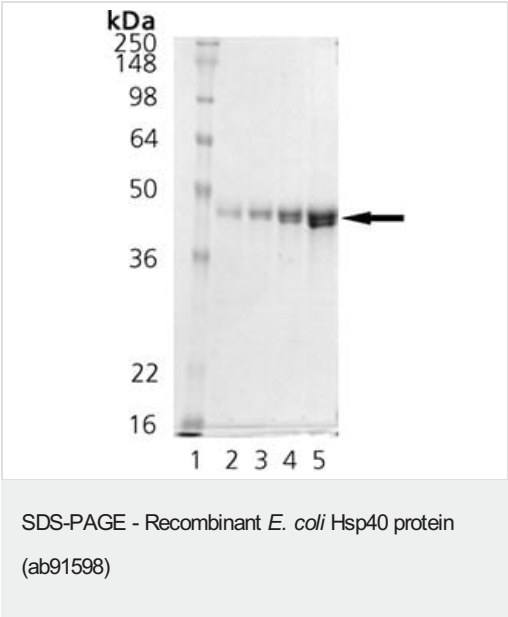
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 1.5% Potassium chloride, 0.077% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.595% HEPES, 10% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP.
Sequence similarities	Contains 1 J domain.
Cellular localization	Cytoplasm. Nucleus. Nucleus > nucleolus. Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.

Images



SDS-PAGE Analysis:

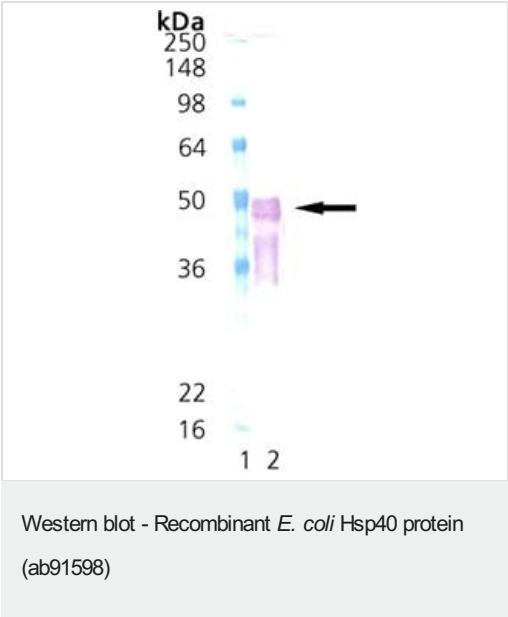
Lane 1: Molecular weight markers

Lane 2: 0.5 µg ab91598

Lane 3: 1 µg ab91598

Lane 4: 2 µg ab91598

Lane 5: 5 µg ab91598



Lane 2 : HSP40 Polyclonal Antibody

Lane 1 : Molecular weight markers

Lane 2 : ab91598 at 0.1 µg

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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